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RAW SEQUENCE LISTING

DATE: 08/05/2002

PATENT APPLICATION: US/09/910,406C

TIME: 15:36:04

Input Set : N:\Crf3\07182002\I910406.raw

Output Set: N:\CRF4\08052002\I910406C.raw

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1 <110> APPLICANT: Sokawa, Yoshiro
2     Liu, Chih-Ping
3 <120> TITLE OF INVENTION: Composition for Treatment of and Method
4     of Monitoring Hepatitis C Virus Using Interferon-tau
5 <130> FILE REFERENCE: 5600-0004.30
6 <140> CURRENT APPLICATION NUMBER: US/09/910,406C
7 <141> CURRENT FILING DATE: 2002-07-02
8 <150> PRIOR APPLICATION NUMBER: JP 317160
9 <151> PRIOR FILING DATE: 2000-10-17
10 <150> PRIOR APPLICATION NUMBER: US 60/219,128
11 <151> PRIOR FILING DATE: 2000-07-19
12 <160> NUMBER OF SEQ ID NOS: 4
13 <170> SOFTWARE: FastSEQ for Windows Version 4.0
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 516
17 <212> TYPE: DNA
18 <213> ORGANISM: Ovis Aries
19 <400> SEQUENCE: 1
20     tgctacctgt cgcgaaaact gatgctggac gctcgagaaa atttaaaact gctggaccgt      60
21     atgaatcgat tgtctccgca cagctgctg caagaccgga aagacttcgg tctgccgcag      120
22     gaaatgggtg aaggtgacca actgcaaaaa gaccaagctt tcccggtact gtatgaaatg      180
23     ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact      240
24     cttctagaac aactgtgcac tgggtctgcaa cagcaactgg accatctgga cacttgccgt      300
25     ggccaggtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat cgttactgtt      360
26     aaaaaatatt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgct      420
27     tgggaaatcg tacgcgttga aatgatgcgg gccctgactg tgcgactac tctgcaaaaa      480
28     cggttaacta aaatgggtgg tgacctgaat tctccg      516
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 172
32 <212> TYPE: PRT
33 <213> ORGANISM: Ovis Aries
34 <400> SEQUENCE: 2
35     Cys Tyr Leu Ser Arg Lys Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
36     1           5           10           15
37     Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
38     20           25           30
39     Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
40     35           40           45
41     Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
42     50           55           60
43     Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Ala Trp Asp Thr Thr
44     65           70           75           80
45     Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu

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46          85          90          95
47  Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
48          100          105          110
49  Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr
50          115          120          125
51  Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
52          130          135          140
53  Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
54          145          150          155          160
55  Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
56          165          170
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 519
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: recombinant IFNtau based on Ovis aries sequence
64 <400> SEQUENCE: 3
65  tgctacctgt cggagcgcact gatgctggac gctcgagaaa atttaaaact gctggaccgt      60
66  atgaatcgat tgtctccgca cagctgcctg caagaccgga aagacttcgg tctgccgcag      120
67  gaaatggttg aaggtgacca actgcaaaaa gaccaagctt tcccggctact gtatgaaatg      180
68  ctgcagcagt ctttcaacct gttctacact gaacattctt cggccgcttg ggacactact      240
69  cttctagaac aactgtgcac tggctctgca cagcaactgg accatctgga cacttgccgt      300
70  ggccaagtta tgggtgaaga agactctgaa ctgggtaaca tggatccgat cgttactgtt      360
71  aaaaaatatt tccagggtat ctacgactac ctgcaggaaa aaggttactc tgactgcgct      420
72  tgggaaatcg tacgcgttga aatgatgcgg gccctgactg tgtcgactac tctgcaaaaa      480
73  cggttaacta aaatgggtgg tgacctgaat tctccgtaa      519
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 172
77 <212> TYPE: PRT
78 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: recombinant IFNtau based on Ovis aries sequence
81 <400> SEQUENCE: 4
82  Cys Tyr Leu Ser Glu Arg Leu Met Leu Asp Ala Arg Glu Asn Leu Lys
83    1          5          10          15
84  Leu Leu Asp Arg Met Asn Arg Leu Ser Pro His Ser Cys Leu Gln Asp
85          20          25          30
86  Arg Lys Asp Phe Gly Leu Pro Gln Glu Met Val Glu Gly Asp Gln Leu
87          35          40          45
88  Gln Lys Asp Gln Ala Phe Pro Val Leu Tyr Glu Met Leu Gln Gln Ser
89          50          55          60
90  Phe Asn Leu Phe Tyr Thr Glu His Ser Ser Ala Trp Asp Thr Thr
91          65          70          75          80
92  Leu Leu Glu Gln Leu Cys Thr Gly Leu Gln Gln Gln Leu Asp His Leu
93          85          90          95
94  Asp Thr Cys Arg Gly Gln Val Met Gly Glu Glu Asp Ser Glu Leu Gly
95          100          105          110
96  Asn Met Asp Pro Ile Val Thr Val Lys Lys Tyr Phe Gln Gly Ile Tyr

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97          115          120          125
98    Asp Tyr Leu Gln Glu Lys Gly Tyr Ser Asp Cys Ala Trp Glu Ile Val
99          130          135          140
100    Arg Val Glu Met Met Arg Ala Leu Thr Val Ser Thr Thr Leu Gln Lys
101    145          150          155          160
102    Arg Leu Thr Lys Met Gly Gly Asp Leu Asn Ser Pro
103          165          170

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VERIFICATION SUMMARY

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